

THE ESTIMATED GROSS CASH INCOME FROM THE SALE OF
AGRICULTURAL PRODUCTS FROM OHIO FARMS BY
COUNTIES - 1932

by

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This bulletin presents the results of a study of the gross cash income from the sale of agricultural commodities from Ohio farms by counties in 1932. Similar estimates have been made for 1927, 1929, 1930 and 1931, the results of which are found in Mimeograph Bulletins No. 22, No. 27 and No. 45 of the Department of Rural Economics, Ohio State University and the Ohio Agricultural Experiment Station.

Some changes have been made in the method of calculation for certain products due to changes and discontinuation of previous sources. Certain items may not be completely comparable with figures for previous years. Although the completeness and reliability of certain information is slightly questionable, nevertheless a fair picture of the sources of agricultural income is given by this study. As time goes on and new source data become available a greater degree of accuracy will be attained in this study both as to total income and the per cent to be allocated to each individual product.

In this study, gross cash income is used to denote the actual total income to the farm from the sale of any agricultural commodity. There are a few exceptions, especially in the case of corn or any of the feed crops. A large amount of these crops are sold to other farms in the same county. Sales to neighboring farms in the same county have not been included in this study as sales for that county. These data herein do not indicate the relative importance of the various enterprises, but rather their importance as sources of income thru sales. Thus, corn, if all fed on the farm where grown would not be included at all.

The data used as a basis for this study were obtained from census publications, figures taken from the State-Federal Crop and Livestock Estimates, information previously compiled by the Department of Rural Economics, Ohio State University, and the best judgment and opinion of experts in the several agricultural enterprises.

All agricultural products have been included in this study with a few minor enterprises, such as honey and wax, flowers, and forest products excepted. These items are not a very large part of the income in any county. At present lack of data makes it impossible to set up a reliable method of estimating the income from these products.

As pointed out above, the data given here do not indicate the total value of agricultural production. It is only the amount received for that portion of the production which was sold. The value of that portion consumed on the farm as feed, seed, or for home use has not been included. Neither does it include the other sources of income of farmers such as income from outside work, or interest on outside investment. In other words the value of total production or of the total income to farmers would be much greater than the amount given in this report. The prices used were farm prices rather than market prices.

Perhaps a brief explanation is necessary stating what has been included under some of the enterprise headings. Under the heading "Dairy" has been included the income from the sale of dairy products, veal calves and cull dairy

cows, while under the heading "Cattle" has been included the income from the sale of any cattle for meat purposes except veal calves and cull dairy cows. It should be noted that the cost of feeder cattle purchased has not been deducted from cattle sales. Under the heading "Vegetables" all vegetable crops, both greenhouse and outdoor production have been included except potatoes. Potatoes where grown near cities in trucking areas, could very well have been included with other vegetables, but a large portion of them are grown as a field crop in Ohio, and for that reason the income has been estimated separately. The heading "Poultry" has been taken to mean the income from both eggs and poultry meats, while "Sheep" includes wool and mutton. Under "Tobacco" an estimate of the probable price was used since very little of the tobacco crop has been sold at this time.

The counties have been listed in nine groups for ease of comparing counties which have essentially the same type of agriculture. When arranged alphabetically, Allon follows Adams county, but scarcely anyone would be interested in comparing the two, since they are in nearly opposite corners of the state, and follow quite different types of agriculture. The group names refer to the position of the counties within the state.

Owing to the fact that there is such a great variation in the size of counties, the total gross cash income is unsatisfactory as a means of comparing two counties. For that reason it was thought advisable to calculate the gross cash income per farm and per acre. The total gross income was divided by the number of acres of all land in farms and by the number of farms as given by the 1930 census to secure the above values. It should be noted that the low income per acre was largely due to the fact that the acreage designated in the census as "all land in farms" includes considerable areas of land not actually under cultivation and some not even used for pasture.

In the following table the number following each enterprise represents the percentage of the total gross cash income derived from that enterprise in the county. These percentages are given only as approximations. In 1932 dairying ranked first in the state as a whole, and also in forty-seven counties. But hogs ranked first in twenty-three counties; cattle in six; vegetables in four; poultry in three; fruit in two; tobacco in two; and nursery products in one. Wood, Darke, and Ashtabula counties, in the order named, ranked first in volume of sales during the year.

The following table gives, by counties for the year 1932, the gross cash income from the sales of farm products, and the six leading sources of income arranged in order of importance; also, the relative importance of each expressed as a percentage of total income from sales.

The Estimated Gross Cash Income from the Sale of Agricultural Products from the Farm
and the Per Cent of the Total Coming from Each of the Most
Important Enterprises - 1932

County	Agricultural			Rank of the sources of income and their relative importance												Total per cent	
	gross cash income			First	Pot. of total	Second of total	Pot. of total	Third of total	Pot. of total	Fourth of total	Pot. of total	Fifth of total	Pot. of total	Sixth of total	Pot. of total		Other of total
	Total (000 omitted)	Per acre	Per farm														
North West																	
Allen	1610	6.99	600	Hogs	30	Dairy	23	Poultry	18	Cattle	8	Wheat	7	Sheep	4	10	100
Defiance	1648	7.03	800	Dairy	22	Poultry	20	Hogs	16	Wheat	10	Corn	8	Cattle	6	18	100
Fulton	2322	9.63	828	Dairy	31	Poultry	22	Hogs	21	Wheat	6	S. Beets	4	Cattle	4	12	100
Hancock	2344	7.53	803	Hogs	29	Dairy	23	Poultry	14	Wheat	12	Cattle	8	Sheep	4	10	100
Henry	1973	7.88	774	Poultry	22	Dairy	19	Hogs	13	Wheat	10	Corn	9	Cattle	7	20	100
Lucas	1885	15.69	913	Veg.	42	Dairy	9	Poultry	9	Potatoes	8	Hogs	6	S. Beets	6	20	100
Paulding	1352	5.53	727	Dairy	20	Poultry	15	Corn	14	Oats	13	S. Beets	10	Hogs	9	19	100
Putnam	2372	8.38	840	Hogs	27	Poultry	20	Dairy	18	Wheat	10	Cattle	7	S. Beets	5	13	100
Van Wert	1629	6.66	675	Hogs	21	Dairy	21	Poultry	17	Corn	11	Oats	8	Cattle	6	16	100
Williams	1778	7.09	693	Dairy	28	Poultry	22	Hogs	20	Wheat	8	Cattle	6	Sheep	3	13	100
Wood	3278	9.22	880	Dairy	19	Hogs	14	Cattle	13	Poultry	12	Corn	9	S. Beets	9	24	100
District	22191	8.02	779	Dairy	21	Hogs	19	Poultry	17	Wheat	8	Cattle	7	Corn	6	22	100
North Central																	
Ashland	1258	5.41	587	Dairy	31	Poultry	22	Hogs	14	Wheat	11	Cattle	7	Sheep	5	10	100
Crawford	1760	7.58	830	Hogs	25	Dairy	21	Poultry	16	Cattle	13	Wheat	11	Sheep	5	9	100
Erie	1106	8.22	647	Dairy	24	Poultry	16	Veg.	13	Fruit	12	Potatoes	9	Wheat	8	18	100
Huron	1366	4.99	557	Dairy	30	Poultry	16	Wheat	14	Veg.	8	Hogs	8	Sheep	7	17	100
Lorain	2352	9.85	774	Dairy	40	Veg.	25	Poultry	11	Fruit	10	Potatoes	6	Wheat	3	5	100
Ottawa	1364	9.92	744	Fruit	29	Dairy	19	Poultry	12	Hogs	9	Wheat	7	S. Beets	7	17	100
Richland	1620	5.83	585	Dairy	29	Poultry	21	Wheat	12	Hogs	10	Potatoes	8	Cattle	5	15	100
Sandusky	2005	8.52	759	Dairy	23	Hogs	17	Poultry	15	Wheat	13	Veg.	6	Cattle	6	20	100
Seneca	2361	7.20	816	Hogs	26	Dairy	22	Poultry	14	Wheat	14	Cattle	6	Sheep	5	13	100
Wyandot	1619	6.75	800	Hogs	30	Dairy	19	Poultry	16	Wheat	11	Sheep	9	Cattle	7	8	100
District	16811	7.23	712	Dairy	26	Poultry	16	Hogs	15	Wheat	10	Veg.	7	Cattle	6	20	100

1932 (continued)

County	Agricultural			Rank of the sources of income and their relative importance												Other	Total
	gross cash income			First	Pot. of total	Second	Pot. of total	Third	Pot. of total	Fourth	Pot. of total	Fifth	Pot. of total	Sixth	Pot. of total		
	Total	Per acre	Per farm														
(000 omitted)																	
North East																	
Ashtabula	2997	8.89	692	Dairy	44	Veg.	24	Poultry	13	Fruit	9	Potatoes	5	Nursery	2	3	100
Columbiana	1783	6.82	539	Dairy	44	Poultry	22	Fruit	10	Veg.	7	Potatoes	6	Cattle	4	7	100
Cuyahoga	2160	39.16	1758	Veg.	73	Dairy	8	Fruit	7	Nursery	6	Poultry	4	Potatoes	2	0	100
Geauga	1333	7.74	708	Dairy	49	Poultry	19	Potatoes	15	Maple P.	7	Fruit	3	Cattle	2	5	100
Lake	1164	17.18	1099	Nursery	39	Fruit	16	Veg.	16	Dairy	12	Poultry	11	Potatoes	3	3	100
Lahoning	1336	7.55	585	Dairy	51	Poultry	19	Fruit	8	Veg.	7	Potatoes	6	Cattle	4	5	100
Medina	1779	7.91	665	Dairy	50	Poultry	25	Potatoes	8	Veg.	5	Wheat	4	Fruit	3	5	100
Portage	1893	8.03	684	Dairy	52	Poultry	15	Potatoes	11	Veg.	11	Wheat	3	Fruit	2	6	100
Stark	2352	9.02	685	Dairy	45	Veg.	18	Poultry	16	Potatoes	6	Fruit	4	Wheat	4	7	100
Summit	1000	7.89	633	Dairy	47	Poultry	16	Veg.	15	Potatoes	7	Fruit	6	Wheat	3	6	100
Trumbull	1686	6.78	571	Dairy	56	Poultry	17	Veg.	11	Potatoes	5	Cattle	3	Fruit	3	5	100
Wayne	2820	8.75	770	Dairy	45	Poultry	20	Wheat	8	Potatoes	7	Cattle	6	Hogs	5	9	100
District	22303	8.96	716	Dairy	42	Veg.	17	Poultry	16	Potatoes	7	Fruit	6	Wheat	3	9	100
West Central																	
Auglaize	1990	8.26	799	Hogs	33	Dairy	22	Poultry	18	Cattle	8	Wheat	7	Corn	3	9	100
Champaign	2089	8.35	979	Hogs	35	Dairy	29	Poultry	9	Cattle	8	Wheat	7	Corn	3	9	100
Clark	1926	8.33	850	Dairy	33	Hogs	24	Poultry	10	Cattle	9	Wheat	8	Nursery	3	13	100
Darke	3199	8.85	663	Hogs	29	Dairy	20	Poultry	20	Tobacco	10	Wheat	7	Cattle	4	10	100
Fardin	1955	7.04	769	Hogs	29	Dairy	15	Poultry	13	Veg.	10	Cattle	8	Sheep	6	19	100
Logan	1624	6.28	663	Dairy	27	Hogs	25	Poultry	16	Cattle	8	Sheep	8	Wheat	5	11	100
Mercor	1960	7.25	708	Hogs	29	Dairy	22	Poultry	19	Wheat	9	Cattle	7	Veg.	3	11	100
Miami	2020	8.46	714	Dairy	28	Hogs	19	Poultry	15	Wheat	9	Cattle	7	Tobacco	7	15	100
Shelby	1789	7.39	746	Hogs	27	Dairy	25	Poultry	19	Wheat	7	Corn	7	Cattle	6	9	100
District	18552	7.82	751	Hogs	28	Dairy	24	Poultry	16	Cattle	7	Wheat	7	Corn	4	14	100

1932 (continued)

County	Agricultural gross cash income			Rank of the sources of income and their relative importance												Other Pot. of Total	Total per cent
	Total	Per	Per	First	Pot. of total	Second	Pot. of total	Third	Pot. of total	Fourth	Pot. of total	Fifth	Pot. of total	Sixth	Pot. of total		
	(000 omitted)	acre	farm														
Central																	
Delaware	\$1626	\$6.10	\$ 582	Dairy	42	Poultry	20	Hogs	11	Cattle	7	Wheat	6	Sheep	5	9	100
Fairfield	2155	7.45	722	Hogs	25	Dairy	22	Cattle	18	Poultry	14	Wheat	9	Fruit	3	9	100
Fayette	1756	7.09	1119	Hogs	53	Cattle	11	Dairy	10	Poultry	9	Wheat	7	Corn	4	6	100
Franklin	2516	10.11	848	Dairy	33	Veg.	20	Poultry	13	Hogs	13	Wheat	6	Cattle	3	12	100
Knox	1582	5.24	581	Dairy	27	Poultry	20	Sheep	15	Hogs	14	Cattle	10	Wheat	7	7	100
Licking	2187	5.65	543	Dairy	38	Poultry	20	Hogs	10	Cattle	10	Sheep	8	Wheat	5	9	100
Madison	1846	6.61	1171	Hogs	40	Dairy	14	Cattle	13	Poultry	8	Wheat	8	Corn	7	10	100
Marion	1624	7.02	877	Hogs	34	Dairy	18	Poultry	13	Cattle	13	Wheat	8	Sheep	5	9	100
Morrow	1074	4.63	457	Dairy	30	Poultry	23	Sheep	11	Cattle	9	Hogs	9	Wheat	9	9	100
Pickaway	2239	7.40	1098	Hogs	33	Cattle	18	Wheat	14	Dairy	12	Poultry	10	Veg.	6	7	100
Ross	1808	5.18	752	Hogs	26	Cattle	21	Dairy	13	Corn	11	Wheat	11	Poultry	9	9	100
Union	1556	6.19	678	Dairy	36	Hogs	24	Poultry	16	Sheep	6	Wheat	6	Cattle	4	8	100
District	21969	6.49	743	Hogs	24	Dairy	24	Poultry	14	Cattle	12	Wheat	8	Sheep	5	13	100
East Central																	
Belmont	1254	4.60	402	Dairy	51	Poultry	18	Cattle	12	Fruit	8	Veg.	5	Sheep	4	2	100
Carroll	722	3.50	402	Dairy	37	Poultry	27	Cattle	16	Sheep	7	Wheat	3	Fruit	3	7	100
Coshocton	1146	3.62	459	Dairy	29	Poultry	20	Cattle	17	Hogs	9	Sheep	8	Fruit	6	11	100
Harrison	653	3.10	370	Dairy	37	Cattle	20	Poultry	18	Sheep	18	Hogs	2	Wheat	2	3	100
Holmes	1380	5.69	614	Dairy	40	Poultry	30	Hogs	10	Cattle	6	Wheat	5	Potatoes	3	6	100
Jefferson	601	3.37	375	Dairy	53	Poultry	21	Cattle	9	Fruit	6	Sheep	5	Veg.	5	1	100
Tuscarawas	1399	5.07	513	Dairy	47	Poultry	17	Cattle	9	Veg.	7	Hogs	6	Fruit	4	10	100
District	7155	4.20	447	Dairy	42	Poultry	22	Cattle	12	Sheep	5	Hogs	5	Fruit	4	10	100

1932 (continued)

County	Agricultural gross cash income			Rank of the sources of income and their relative importance												Other Pct. of total	Total per cent
	Total (000 omitted)	Per acre	Per farm	First	Pot. of total	Second	Pot. of total	Third	Pot. of total	Fourth	Pot. of total	Fifth	Pot. of total	Sixth	Pct. of total		
South West																	
Butler	\$1831	\$7.02	\$ 742	Dairy	37	Hogs	25	Poultry	13	Wheat	7	Cattle	6	Veg.	4	8	100
Clermont	1167	4.76	386	Dairy	37	Poultry	22	Tobacco	16	Fruit	6	Cattle	5	Hogs	4	10	100
Clinton	1721	6.90	818	Hogs	44	Dairy	18	Poultry	14	Wheat	10	Cattle	5	Sheep	4	5	100
Greene	1829	7.66	837	Hogs	33	Dairy	28	Poultry	11	Cattle	9	Wheat	8	Sheep	4	7	100
Hamilton	2192	15.62	936	Veg.	39	Dairy	27	Poultry	8	Potatoes	7	Nursery	7	Hogs	6	6	100
Montgomery	2317	9.98	628	Dairy	29	Poultry	16	Tobacco	14	Veg.	13	Hogs	12	Wheat	5	11	100
Preble	2321	8.98	838	Hogs	30	Dairy	21	Poultry	14	Wheat	10	Tobacco	8	Cattle	7	10	100
Warren	1434	6.23	645	Dairy	39	Hogs	21	Poultry	15	Cattle	8	Wheat	5	Tobacco	3	9	100
District	14812	7.98	712	Dairy	28	Hogs	22	Poultry	14	Veg.	9	Wheat	6	Cattle	6	15	100
South Central																	
Adams	1035	3.49	366	Tobacco	32	Dairy	25	Poultry	19	Cattle	11	Hogs	6	Wheat	3	4	100
Brown	1425	5.01	432	Tobacco	32	Dairy	23	Poultry	19	Hogs	14	Cattle	6	Sheep	2	4	100
Gallia	839	3.32	303	Poultry	29	Dairy	28	Cattle	17	Tobacco	11	Fruit	6	Sheep	4	5	100
Highland	2019	6.02	669	Hogs	39	Poultry	17	Dairy	16	Cattle	10	Tobacco	6	Wheat	6	6	100
Jackson	586	3.07	380	Cattle	36	Poultry	22	Dairy	20	Fruit	12	Wheat	2	Sheep	2	6	100
Lawrence	893	4.77	392	Fruit	41	Dairy	19	Veg.	12	Poultry	11	Cattle	11	Tobacco	4	2	100
Pike	523	2.55	329	Dairy	21	Cattle	20	Poultry	20	Hogs	16	Corn	10	Wheat	4	9	100
Scioto	704	3.30	341	Dairy	38	Poultry	15	Cattle	10	Veg.	8	Tobacco	7	Fruit	6	16	100
District	8024	4.08	414	Dairy	22	Poultry	19	Hogs	14	Tobacco	14	Cattle	13	Fruit	7	11	100

1932 (continued)

County	Agricultural gross cash income			Rank of the sources of income and their relative importance												Total per cent	
	Total (000 omitted)	Per acre	Per farm	First	Pot. of total	Second	Pot. of total	Third	Pot. of total	Fourth	Pot. of total	Fifth	Pot. of total	Sixth	Pot. of total		Other Pot. of total
South East																	
Athens	1833	\$3.66	\$ 415	Dairy	31	Cattle	31	Poultry	20	Fruit	7	Sheep	4	Veg.	4	3	100
Guernsey	941	3.41	356	Dairy	34	Cattle	30	Poultry	19	Sheep	7	Fruit	4	Wheat	2	4	100
Hocking	427	2.38	299	Cattle	27	Dairy	25	Poultry	18	Hogs	10	Wheat	5	Potatoes	5	10	100
Leigs	756	3.46	320	Poultry	29	Dairy	23	Cattle	21	Veg.	8	Fruit	7	Sheep	4	8	100
Monroe	699	2.88	273	Dairy	41	Poultry	28	Cattle	19	Veg.	3	Sheep	2	Potatoes	2	5	100
Morgan	809	3.33	361	Cattle	36	Poultry	29	Dairy	19	Sheep	10	Veg.	3	Potatoes	1	2	100
Muskingum	1356	3.85	415	Dairy	28	Cattle	24	Poultry	19	Sheep	8	Veg.	7	Hogs	6	8	100
Noble	897	3.79	387	Cattle	45	Dairy	26	Poultry	18	Sheep	7	Wheat	2	Tobacco	1	1	100
Perry	772	4.11	399	Cattle	28	Dairy	24	Poultry	18	Hogs	8	Wheat	7	Sheep	4	11	100
Vinton	246	1.60	229	Cattle	31	Poultry	27	Dairy	27	Sheep	5	Wheat	4	Hogs	3	3	100
Washington	1508	4.54	406	Veg.	26	Cattle	23	Dairy	22	Poultry	14	Fruit	8	Potatoes	2	5	100
District	9244	3.49	362	Cattle	28	Dairy	27	Poultry	21	Veg.	7	Sheep	5	Fruit	4	8	100
State Total	141061	6.56	643	Dairy	28	Poultry	16	Hogs	16	Cattle	9	Veg.	7	Wheat	6	18	100